

The Scala DCP was shown in Figure 2.1 and consists of an 8 kg (17.6 lb.) sliding doughnut weight falling 575 mm (22.6 in). The conical tip is 20 mm (0.79 in) in diameter and angled at 30° from vertical. The lower rod, the penetrating portion with the conical tip, is 16 mm (0.63 in) in diameter and 800 mm (31.5 in) in length. Figure 3.5 is a photograph of a penetrated specimen cut in half to show the cross-section. (The rod remains straight during penetration. The specimen was slightly distorted when cut in half.)

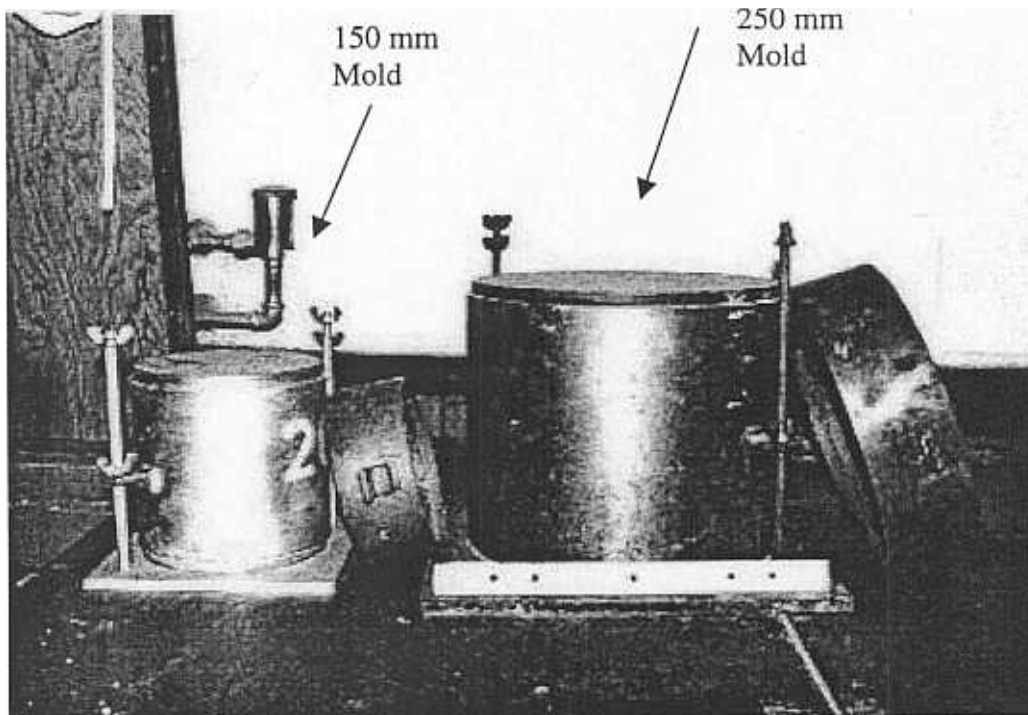


Figure 3.4 Molds used to prepare specimen